

# Converting Colors

Hex(BCC564)

Have a look what the booklet for  
Hex(BCC564) contains.

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# **Color**

**Hex(BCC564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCC564
RGB	188, 197, 100
RGB Percent	74%, 77%, 39%
CMY	0.2627, 0.2275, 0.6078
CMYK	0.05, 0.00, 0.49, 0.23
HSL	66°, 46%, 58%
HSV	66°, 49%, 77%
XYZ	43.0055, 51.5440, 19.7389
YIQ	183.2510, 25.7730, -32.0750

# Conversions

## Conversions Part 2

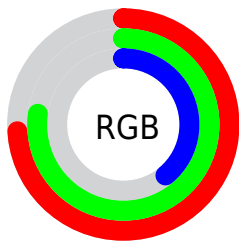
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 197, 109</a>
Decimal	<a href="#">12371300</a>
<a href="#">CIELab</a>	<a href="#">77.01, -17.04, 47.16</a>
<a href="#">CIELCh</a>	<a href="#">77, 50.149, 109.864</a>
<a href="#">Yxy</a>	<a href="#">51.5440, 0.3763, 0.4510</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290561380 (0xFFBCC564)</a>
<a href="#">YUV</a>	<a href="#">183.2510, -41.0427, 4.1649</a>
<a href="#">Hunter-Lab</a>	<a href="#">71.7941, -18.7161, 33.9548</a>

# Details

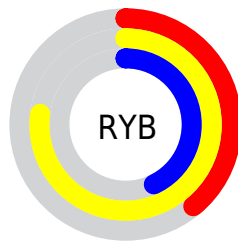
The Hex color **BCC564** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6D64C5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **F6FE99**, and **858F31** is the 20% darker color. If you saturate the color by 10%, you get **BAC550**, and if you desaturate by 10%, it is **BEC578**.

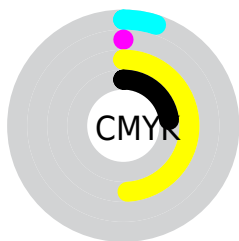
# Distribution



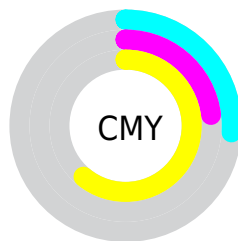
- Red (74%)
- Green (77%)
- Blue (39%)



- Red (39%)
- Yellow (77%)
- Blue (43%)



- Cyan (5%)
- Magenta (0%)
- Yellow (49%)
- Black (23%)



- Cyan (26%)
- Magenta (23%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCC564 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BCC564 by changing the saturation by 10% instead.



 BCC564

 BCC564

FFFFFF

 A0AA4A

 F6FE99

 858F31

 FFFFB5

 6A7615

 FFFFDD

 505D00

 FFFFED

 384600

 1E2F00

 001C00

 000000

 BCC564

 BCC564

 BAC550

 BEC578

 B8C53D

 C0C58B

 B7C529

 C1C59F

 B5C515

 C3C5B3

 B3C501

 C5C5C7

 B3C500

 C7C5DA

 C9C5EE

 CBC5FF

 CCC5FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E8B661



BCC564



86D080

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BCC564



00D2FF



FF9AD0

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BCC564



6D64C5

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8A6FA



BCC564



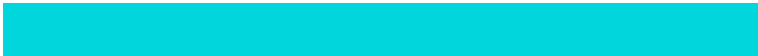
49C8FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BCC564



00D6DC



AAB8FF



FF99A1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCC564



59D49D



AAB8FF



FF9DDF



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BCC564



FBFFD9



C56C64



7D8069



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BCC564



F1FF69



8CC564



63635A



94A300



202400



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6D64C5



7769FF



9D64C5



5A5A63



0F00A3

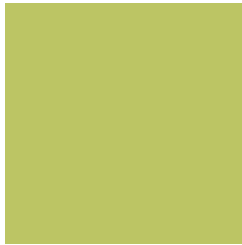


030024



# Previews

## White Background



This preview shows how the Hex color BCC564 looks on a white background.

## Color Contrast Check

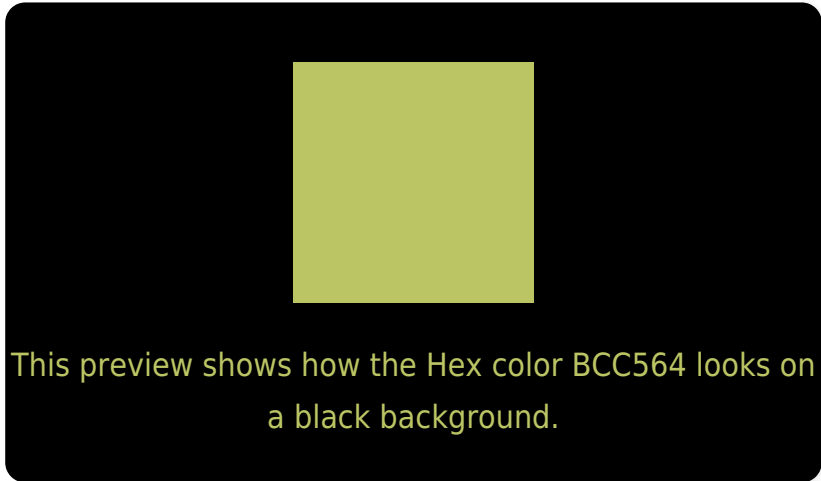
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

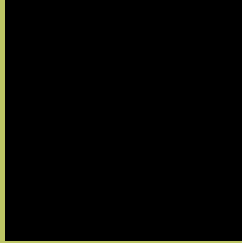
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCC564 Background



This preview shows how black text looks on a background with the Hex color BCC564.

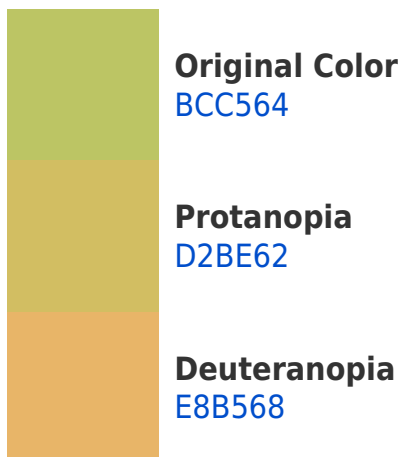



This preview shows how white text looks on a background with the Hex color BCC564.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

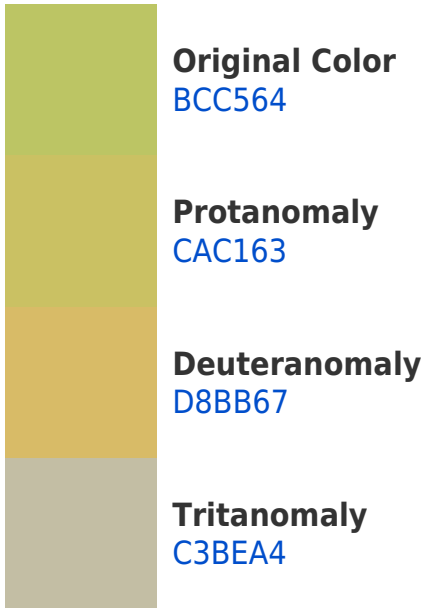
## Dichromacy





**Tritanopia**  
C7BAC8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCC564 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BCC564 looks like.

```
.text, #text, p{  
    color:#BCC564  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BCC564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCC564  
}
```

## Border

The CSS property to change the border of an element to Hex BCC564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BCC564 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BCC564 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BCC564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCC564; -webkit-box-shadow:4px 4px  
4px 4px #BCC564; box-shadow:4px 4px 4px  
4px #BCC564 }
```

# Background

The CSS property to change the background color of an element to Hex BCC564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCC564 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BCC564 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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